PATENT
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IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A method for transmitting data in which the data is transmitted from an electronic equipment to other electronic equipment on a network in which a plurality of electronic equipment are connected over a serial bus interface, comprising:

a detection step of detecting the timing of inserting discontinuity information data into contents of the data on said electronic equipment to be recorded and/or reproduced for a recording medium on said other electronic equipment on said network; and

a step of inserting said discontinuity information data into said data on detection of the timing of inserting the discontinuity information data in said detection step,

wherein said discontinuity information data contains at least an indication of a status change of content and position within a source data, and

wherein said detection step detects the timing of inserting discontinuity information data in accordance with a change in an operation mode, a timing change, a content change, and a transition point in digital contents.

2. (Original) The data transmitting method according to claim 1 wherein said detection step detects a transition point on the time axis of the contents of the data recorded on said recording medium as said timing.

3. (Original) The data transmitting method according to claim 1 wherein said detection step detects the outputting start time of the data recorded on said recording medium as said timing.

4. (Original) The data transmitting method according to claim 1 wherein said detection step detects the outputting end time of the data recorded on said recording medium as said timing.

5. (Original) The data transmitting method according to claim 1 wherein said detection step detects the time of seizing a channel on said network being used by another electronic equipment on said network and outputting data recorded on said recording medium as said timing.

6. (Original) The data transmitting method according to claim 1 wherein said detection step detects the time of transition of data recorded on said recording medium to variable speed playback as said timing.

7. (Original) The data transmitting method according to claim 1 wherein said detection step detects the time of contents switching of data recorded on said recording medium as said timing.

8. (Original) The data transmitting method according to claim 1 wherein said detection step detects the time of start of recording of data on said recording medium as said timing.

9. (Original) The data transmitting method according to claim 1 wherein said detection step detects the time of end of recording of data on said recording medium as said timing.

10. (Original) The data transmitting method according to claim 1 wherein said recording medium is a tape-shaped recording medium.

11. (Original) The data transmitting method according to claim 1 wherein said recording medium is a disc-shaped recording medium.

12. (Currently Amended) A method for transmitting data in which the data is transmitted from an electronic equipment to other electronic equipment on a network in which a plurality of electronic equipment are connected over a serial bus interface, comprising:

a detection step of detecting the timing of inserting discontinuity information data into contents received from said electronic equipment through a communication medium different from said serial bus interface to be recorded and/or reproduced for a recording medium on said other electronic equipment on said network; and

a step of inserting said discontinuity information data into said data on detection of the timing of inserting the discontinuity information data in said detection step,

wherein said discontinuity information data contains at least an indication of a status change of content and position within a source data, and

wherein said detection step detects the timing of inserting discontinuity information data in accordance with a change in an operation mode, a timing change, a content change, and a transition point in digital contents.

13. (Original) The data transmitting method according to claim 12 wherein said detection step detects a transition point of contents of data received over said serial bus interface and into which has been inserted said discontinuity information data as said timing.

14. (Original) The data transmitting method according to claim 12 wherein said detection step detects the time of switching on station selection from a program received from outside over a communication medium different from the serial bus interface to a different program.

15. (Currently Amended) An electronic equipment in which the data is transmitted from an electronic equipment to other electronic equipment on a network constructed by connecting a plurality of electronic equipment over a serial bus interface, comprising:

means for generating discontinuity information data indicating discontinuity of said data;

means for detecting the timing of inserting the discontinuity information data into contents of the data on said electronic equipment to be recorded and/or reproduced for a recording medium on said other electronic equipment on said network; and

means for inserting said discontinuity information data into said data on detection of the timing of inserting the discontinuity information data by said detection means,

wherein said discontinuity information data contains at least an indication of a status change of content and position within a source data, and

wherein said detection means detects the timing of inserting discontinuity information data in accordance with a change in an operation mode, a timing change, a content change, and a transition point in digital contents.

16. (Original) The electronic equipment according to claim 15 wherein said detection means detects a transition point on the time axis of the contents of the data recorded on said recording medium as said timing.

17. (Original) The electronic equipment according to claim 15 wherein said detection means detects the outputting start time of the data recorded on said recording medium as said timing.

18. (Original) The electronic equipment according to claim 15 wherein said detection means detects the outputting end time of the data recorded on said recording medium as said timing.

19. (Original) The electronic equipment according to claim 15 wherein said detection means detects the time of seizing a channel on said network being used by another

electronic equipment on said network and outputting data recorded on said recording medium as said timing.

20. (Original) The electronic equipment according to claim 15 wherein said detection means detects the time of transition of data recorded on said recording medium to variable speed playback as said timing.

21. (Original) The electronic equipment according to claim 15 wherein said detection means detects the time of contents switching of data recorded on said recording medium as said timing.

22. (Original) The electronic equipment according to claim 15 wherein said detection means detects the time of start of recording of data on said recording medium as said timing.

23. (Original) The electronic equipment according to claim 15 wherein said detection means detects the time of end of recording of data on said recording medium as said timing.

24. (Original) The electronic equipment according to claim 15 wherein said recording medium is a tape-shaped recording medium.

25. (Original) The data transmitting method according to claim 15 wherein said recording medium is a disc-shaped recording medium.

26. (Currently Amended) An electronic equipment in which the data is transmitted from an electronic equipment to other electronic equipment on a network constructed by connecting a plurality of electronic equipment over a serial bus interface, comprising:

tuning means for tuning data received from outside over a communication medium different from the serial bus interface; and

generating means for generating discontinuity information data of data received through said serial bus interface and/or said tuning means;

said generating means inserting the generated discontinuity information data into contents of data on said electronic equipment to be recorded and/or reproduced for a recording medium on said other electronic equipment on said network, wherein said data is received through said tuning means, and

wherein said discontinuity information data contains at least an indication of a status change of content and position within a source data, and

wherein said generating means generates discontinuity information data to be inserted when a change in an operation mode, a timing change, a content change, or a transition point in digital contents is detected.

27. (Original) The electronic equipment according to claim 26 further comprising:

detection means for detecting the point of transition of contents of data having inserted therein said discontinuity information data received over said serial bus interface.

28. (Original) The electronic equipment according to claim 26 wherein said generating means inserts said discontinuity information data when switching from a program being received from outside through said tuning means to a different program on station selection.